Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047870.D
Acq On : 05 Oct 2024 10:09
Operator : RC/JU
Sample : P4083-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ES1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:13:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	337787	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	1333805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	789911	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1618439	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1546196	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1788643	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	9614	0.920	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.963	99	157627	4.935	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	122842	5.420	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	144197	6.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	86710	3.651	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	67684	6.373	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	64486	6.336	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	129233	6.357	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	24897m	0.792	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	396559	6.924	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	454824	6.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	45307m	3.974	ng/ul	0.00
60) Fluorene-d10	15.421	176	363377	7.325	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	34583	3.652	ng/ul	0.00
73) Anthracene-d10	17.268	188	572390	7.193	ng/ul	0.00
81) Pyrene-d10	19.556	212	580590	6.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	407129	4.387	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	153467	3.777	ng/ul	96
30) Naphthalene	10.639	128	120416	1.570	ng/ul	99
52) Acenaphthene	14.492	153	166431	3.075	ng/ul	97
56) Dibenzofuran	14.827	168	122702	1.684	ng/ul	100
61) Fluorene	15.474	166	205604	3.382	ng/ul	100
72) Phenanthrene	17.215	178	3514381	37.028	ng/ul	99
74) Anthracene	17.304	178	747762	7.725	ng/ul	100
77) Carbazole	17.568	167	331246	3.775	ng/ul	99
80) Fluoranthene	19.227	202	5661012	54.774	ng/ul	99
82) Pyrene	19.586	202	3569289	31.029	ng/ul	96
85) Benzo(a)anthracene	21.380	228	2426682	22.415	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	381828	6.254	ng/ul#	97
87) Chrysene	21.439	228	2394163	22.685	ng/ul	96
90) Benzo(b)fluoranthene	23.450	252	3272544	29.339	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	1099182m	9.637	ng/ul	
93) Benzo(a)pyrene	24.250	252	957680	9.040	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.768	276	979352	7.214	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	383204	3.444	ng/ul#	93
96) Benzo(g,h,i)perylene	28.826	276	127287	1.197	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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